AMENDMENTS IN THE CLAIMS:

1. (Previously Presented) A server client system comprising:

a communication network,

a server connected to said communication network, and

a client connected to said communication network,

said server including a packet responder transmitting a response packet to said client on a first port being set to a first port number, the response packet including a second port number and identification information having a first value or a second value, and

said client including,

a receiver receiving the response packet from said server and reading the identification information from the received response packet,

a determiner determining whether the identification information read by said receiver has the first value or the second value, and

an automatic port setter setting a second port to the second port number when the identification information has the first value and setting the second port to a predetermined third port number when the identification information has the second value based on a result of determination by said determiner.

2. (Canceled)

3. (Previously Presented) A server client system comprising:

a communication network,

a server connected to said communication network, and

a client connected to said communication network,

said client including,

a port number storage storing a searching port number,

a reader reading the searching port number from said port number storage, and a searcher setting a searching port to the searching port number read by said reader and broadcasting a searching packet to said communication network on the set searching port,

said server including,

a waiter waiting for the searching packet from said client on the searching port set to a newest searching port number being used at the present and one or more old searching port numbers used in the past, and

a packet responder transmitting a response packet to said client on the searching port in response to the searching packet broadcasted by said searcher, the response packet including the newest searching port number, and

said client further including,

a receiver receiving the response packet from said server and reading the newest searching port number from the received response packet, and

a rewriter rewriting the searching port number stored in said port number storage into the newest searching port number read by said receiver.

4. (Previously Presented) The server client system according to claim 3, wherein

the response packet further includes a connecting port number,

said receiver further reads the connecting port number,

said client further includes a connection requester transmits a request for connection to said server on a connecting port set to the connecting port number read by said receiver, and

said server further includes a connection responder responds the request for connection from said client to establish a connection between said server and said client on the connecting port.

5. (Previously Presented) A server client system comprising:

a communication network,

a server connected to said communication network, and

a client connected to said communication network, said server including,

a selector selecting a searching port number available among a plurality of searching port numbers, and

a waiter setting a searching port to the searching port number selected by said selector and waiting for a searching packet from said client on the set searching port,

said client including,

a selector selecting a searching port number to be used among said plurality of searching port numbers, and

a searcher setting the searching port to the searching port number selected by said selector and broadcasting the searching packet to said communication network on the set searching port,

said server further including a packet responder transmitting a response packet to said client on the search port in response to the searching packet broadcasted by said searcher; and

said client further including a changer changing the searching port number to be selected by said selector when receiving no response packet from said server.

6. (Previously Presented) The server client system according to claim 5, wherein

the response packet includes a connecting port number, and

said client further includes,

a receiver receiving the response packet from said server and reading the connecting port number from the received response packet, and

a connection requester transmits a request for connection to said server on a connecting port set to the connecting port number read by said receiver, and

said server further includes a connection responder responds the request for connection from said client to establish a connection between said server and said client on the connecting port.

7-11. (Canceled)

12. (Previously Presented) A client connected to a server through a communication network, said client comprising:

a receiver receiving a response packet transmitted from said server on a first port being set to a first port number, the response packet including a second port number and identification information having a first value or a second value and reading the identification information from the received response packet,

a determiner determining whether the identification information read by said receiver has the first value or the second value, and

an automatic port setter setting a second port to the second port number when the identification information has the first value and setting the second port to a predetermined third port number when the identification information has the second value based on a result of determination by said determiner.

13. (Canceled)

14. (Previously Presented) The server client system according to claim 1, wherein

said client further includes a connection requester transmits a request for connection to said server on the second port set by said automatic port setter, and

said server further includes a connection responder responds the request for connection from said client to establish a connection between said server and said client on the second port.

15. (Previously Presented) The server client system according to claim 1, wherein

said server further includes a first manual port setter setting the first port to the first port number and writing the second port number in the response packet in response to a user operation, and

said client further includes a second manual port setter setting the first port to the first port number in response to a user operation.

16. (Previously Presented) The server client system according to claim 1, wherein

said client further includes a searcher broadcasting a searching packet to said communication network on the first port, and said packet responder transmits the response packet in response to the searching packet broadcasted by said searcher.

17. (Previously Presented) The server client system according to claim 16, wherein

the searching packet includes a magic word which has been set in said client, and said packet responder transmits the response packet when the magic word included in the searching packet corresponds to a magic word which has been set in said server.

18. (Previously Presented) The server client system according to claim 3, wherein

the searching packet includes a magic word which has been set in said client, and said packet responder transmits the response packet when the magic word included in the searching packet corresponds to a magic word which has been set in said server.

19. (Previously Presented) The server client system according to claim 5, wherein

the searching packet includes a magic word which has been set in said client, and said packet responder transmits the response packet when the magic word included in the searching packet corresponds to a magic word which has been set in said server.